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IS 10310 (1982): Nomenclature for formers for yarn packages
[TXD 14: Machinery for Fabric Manufacture]

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Indian Standard

NOMENCLATURE FOR FORMERS FOR YARN PACKAGES

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NEW DELHI 110002

Indian Standard

NOMENCLATURE FOR FORMERS FOR YARN PACKAGES

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(Continued on page 2)

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*Indian Standard*NOMENCLATURE FOR
FORMERS FOR YARN PACKAGES

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 10 November 1982, after the draft finalized by the Textile Mill Accessories (Other Than Jute) Sectional Committee had been approved by the Textile Division Council.

0.2 This standard has been prepared with a view to eliminate ambiguity and confusion arising from local interpretation of names of various types of formers for yarn packages.

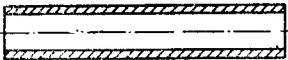
0.3 This standard is based on ISO 1809-1977 'Types of formers for yarn packages — Nomenclature', issued by the International Organization for Standardization (ISO).

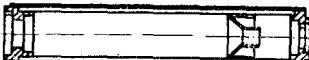
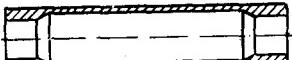
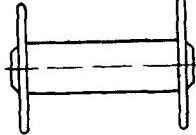
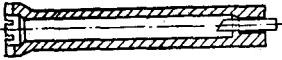
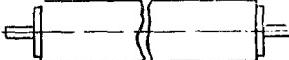
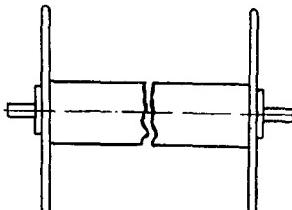
1. SCOPE

1.1 This standard gives illustrated nomenclature for following types of formers of yarn packages:

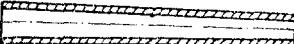
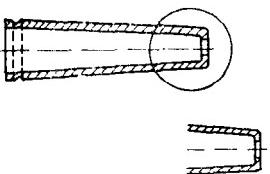
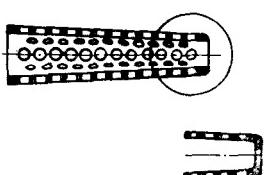
- a) Cylindrical tubes or bobbins,
- b) Tapered tubes, and
- c) Combined tubes.

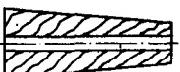
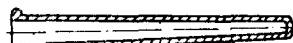
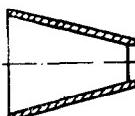
2. CYLINDRICAL TUBES OR BOBBINS

Clause	Drawing	Nomenclature
2.1		Cylindrical non-perforated tube
2.2		Cylindrical perforated tube

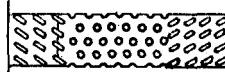
Clause	Drawing	Nomenclature
2.3		Cylindrical tube for draw-twisters
2.4		Tube for peg or skewer
2.5		Double flanged bobbin
2.6		Flyer bobbin
2.7		Condenser bobbin without flanges
2.8		Condenser bobbin with flanges

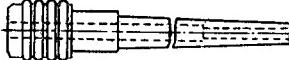
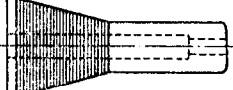
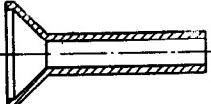
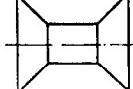
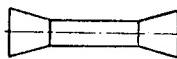
3. TAPERED TUBES

Clause	Drawing	Nomenclature
3.1		Tapered tube without cone base
3.2		Non-perforated open top cone
3.3		Non-perforated cone with rolled-in top or flat-end top
3.4		Perforated open top cone
3.5		Perforated cone with rolled-in top or flat-end top

Clause	Drawing	Nomenclature
3.6		Wood cone
3.7		Tapered tube for draw twisting and twisting
3.8		Initial cone for super cops
3.9		Initial cone for rocket bobbins

4. COMBINED TYPES

Clause	Drawing	Nomenclature
4.1		Tapered tube with built-up/wrapped base
4.2		Perforated cheese centre for dyeing purposes
4.3		West pirn with half cone base (for natural silk and other continuous filament yarns)

Clause	Drawing	Nomenclature
4.4		Weft pirn for automatic looms
4.5		Bottle bobbin
4.6		Small bottle bobbin
4.7		Spool with conical flanges (for knitting or sewing thread)
4.8		Biconical tube

INDIAN STANDARDS

ON

TEXTILE MILL ACCESSORIES (OTHER THAN JUTE)

IS :

- 1724-1971 Wooden warp bobbins for rabbeth spindles (*second revision*)
1794-1971 Shuttles for plain calico looms (*first revision*)
1896-1970 Picking sticks for overpick cotton looms (*first revision*)
2058-1973 Shuttles for pirn-changing automatic cotton looms (*first revision*)
3265-1971 Weft pirns (taper fit) for use in shuttles for plain calico looms (*first revision*)
3496-1966 Dobby lags and pegs
3625-1971 Warp tubes for use on aluminium plug type spindles (*first revision*)
3834-1966 Lease rods for cotton looms
4187-1966 Skewers for use on cotton speed frames
4416-1967 Dobby barrels
4417-1971 Weft pirns for shuttles for pirn-changing automatic cotton, woollen and worsted looms (*first revision*)
4775-1976 Picking sticks for automatic and underpick looms (*first revision*)
4888 (Part I)-1982 Cones for yarn winding : Part I Half angle of the cone $3^{\circ}30'$ (*second revision*)
4888 (Part II)-1982 Cones for yarn winding : Part II Half angle of the cone $4^{\circ}20'$ (*second revision*)
4888 (Part III)-1982 Cones for yarn winding : Part III Half angle of the cone $5^{\circ}57'$ (*second revision*)
4888 (Part IV)-1982 Cones for yarn winding : Part IV Half angle of the cone $9^{\circ}15'$ (*second revision*)
5141-1969 Wooden cones for winding yarn
5473-1969 Double flanged bobbins used in woollen and worsted mills
5492-1969 Pirns for woollen and worsted plain looms
6268-1971 Accessories for use in shuttles for plain calico looms
7614-1975 Wooden bobbins for ring doubling and twisting frames
8684-1978 Classification of terms for shuttles
9280-1979 Wooden shuttle blocks for non-automatic looms
9287-1979 Wooden shuttle blocks for pirn-changing automatic looms
9337 (Part I)-1979 Bobbins and pirns used in textile mills : Part I Wooden flyer bobbins
9794-1981 Boards/blanks for sley bottom, race, cap and box back of cotton looms